

## NAME

gsasl\_simple\_getpass - API function

## SYNOPSIS

```
#include <gsasl.h>
```

```
int gsasl_simple_getpass(const char * filename, const char * username, char ** key);
```

## ARGUMENTS

const char \* filename  
filename of file containing passwords.

const char \* username  
username string.

char \*\* key    newly allocated output character array.

## DESCRIPTION

Retrieve password for user from specified file. The buffer *key* contain the password if this function is successful. The caller is responsible for deallocating it.

The file should be on the UoW "MD5 Based Authentication" format, which means it is in text format with comments denoted by # first on the line, with user entries looking as "usernameTABpassword". This function removes CR and LF at the end of lines before processing. TAB, CR, and LF denote ASCII values 9, 13, and 10, respectively.

Return value: Return **GSASL\_OK** if output buffer contains the password, **GSASL\_AUTHENTICATION\_ERROR** if the user could not be found, or other error code.

## REPORTING BUGS

Report bugs to <bug-gsasl@gnu.org>.  
General guidelines for reporting bugs: <http://www.gnu.org/gethelp/>  
GNU SASL home page: <http://www.gnu.org/software/gsas/>

## COPYRIGHT

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**SEE ALSO**

The full documentation for **gsasl** is maintained as a Texinfo manual. If the **info** and **gsasl** programs are properly installed at your site, the command

**info gsasl**

should give you access to the complete manual. As an alternative you may obtain the manual from:

**<http://www.gnu.org/software/gsasl/manual/>**